

FIG.1

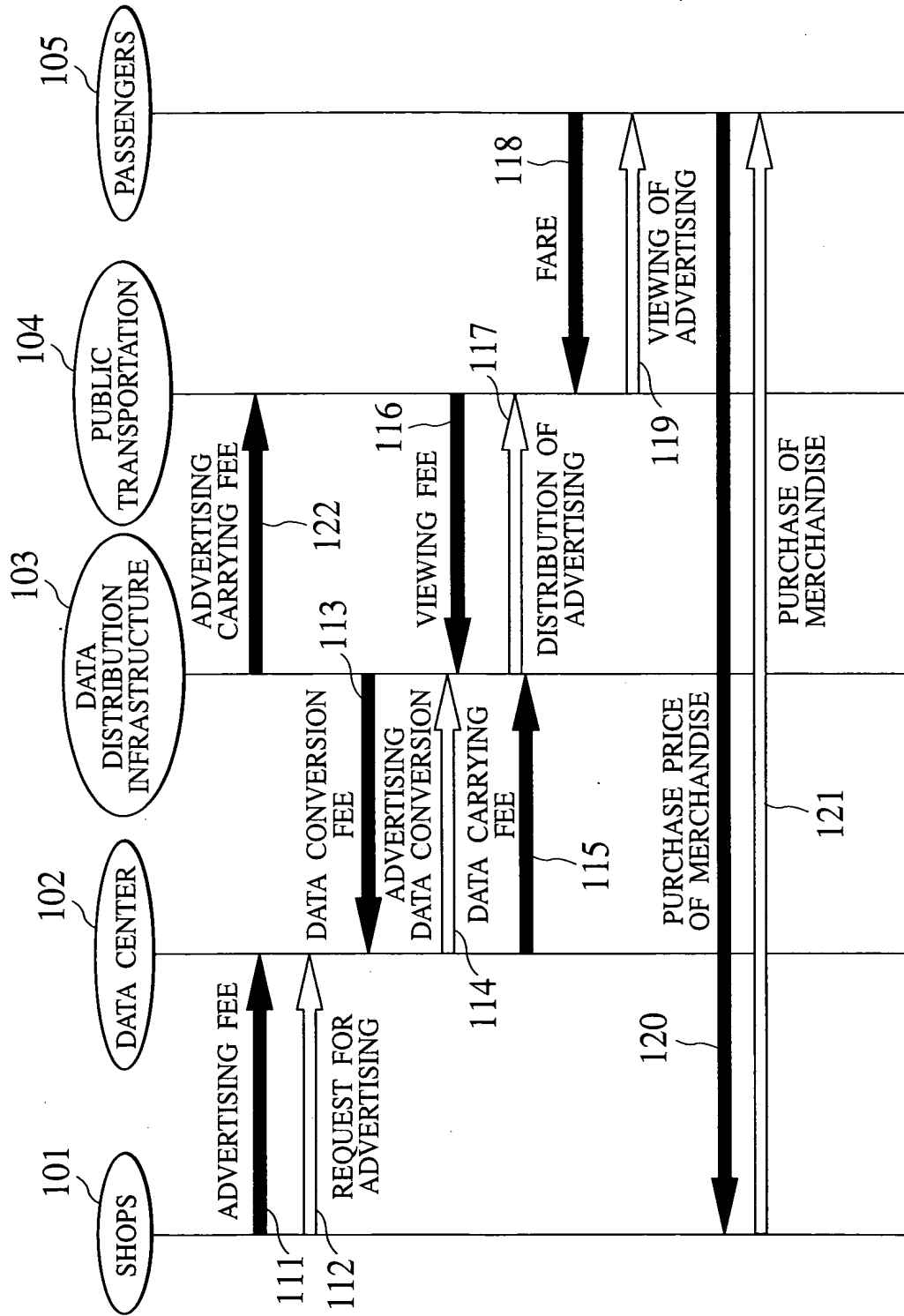
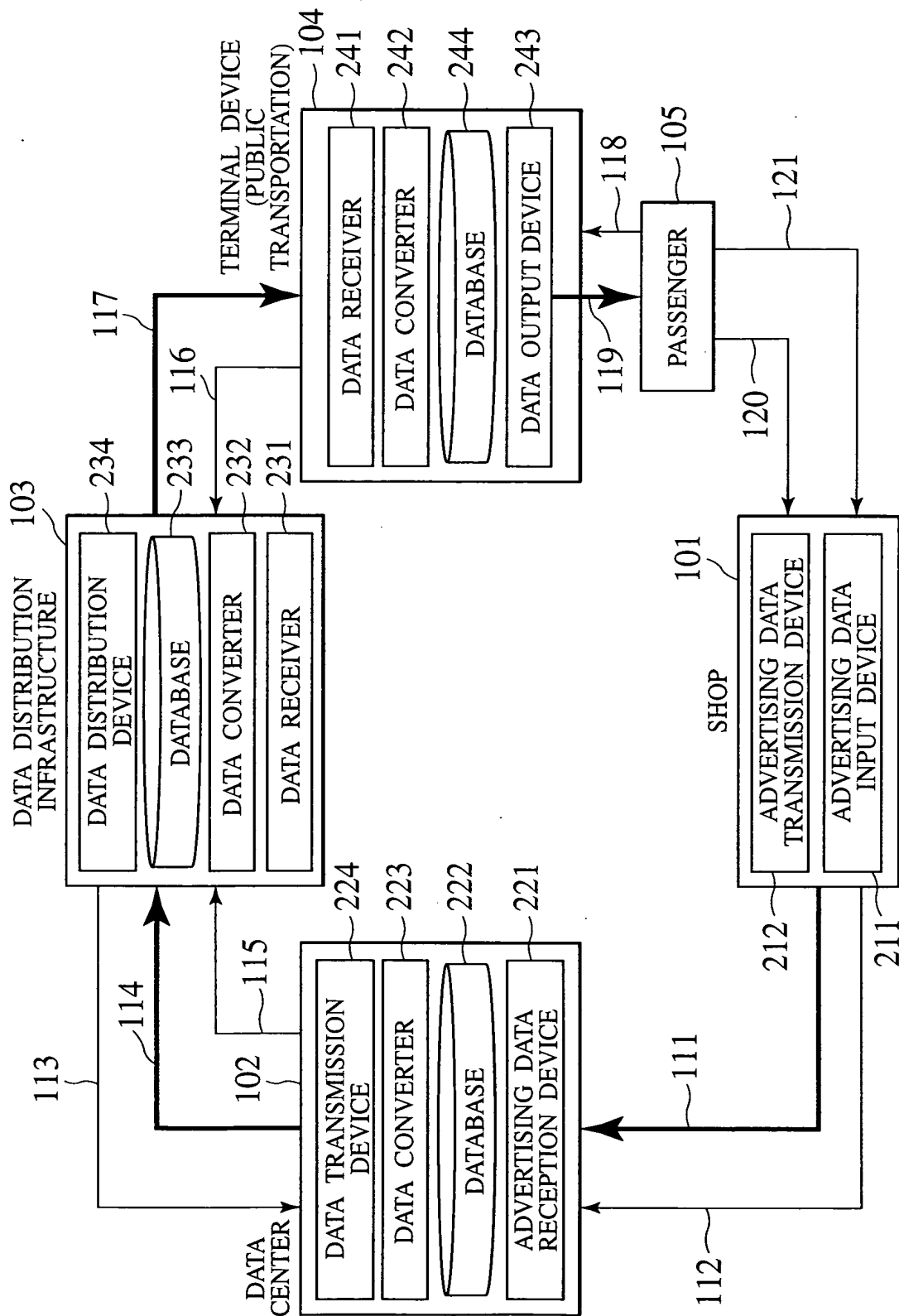


FIG.2



**FIG. 3**

The flowchart illustrates the process flow for the settlement system. It begins with a **SHOP** (101) and a **DATA CENTER** (102). The **SHOP** (101) sends **CREATE ADVERTISING CONTENTS TO BE DISTRIBUTED** (301) to the **DATA CENTER** (102). The **DATA CENTER** (102) sends **RECEIVE ADVERTISING CONTENTS TO BE DISTRIBUTED** (305) to the **SHOP** (101). The **SHOP** (101) then sends **TRANSMIT ADVERTISING CONTENTS TO BE DISTRIBUTED** (302) to the **DATA CENTER** (102). The **DATA CENTER** (102) sends **RECEIVE DATA FORMAT** (306) to the **SHOP** (101). The **SHOP** (101) then sends **TRANSFER DATA TO DISTRIBUTION INFRASTRUCTURE AT DESIGNATED TIME** (307) to the **DATA CENTER** (102). The **DATA CENTER** (102) sends **RECEIVE DATA** (313) to the **SHOP** (101). The **SHOP** (101) then sends **TRANSMIT DATA TRANSFER NOTICE** (314) to the **DATA CENTER** (102). The **DATA CENTER** (102) sends **CONVERT DATA FORMAT FOR DISTRIBUTION INFRASTRUCTURE** (315) to the **SHOP** (101). The **SHOP** (101) then sends **DISTRIBUTE DATA TO PUBLIC TRANSPORTATION AT DESIGNATED TIME** (316) to the **DATA CENTER** (102). The **DATA CENTER** (102) sends **RECEIVE DATA** (319) to the **SHOP** (101). The **SHOP** (101) then sends **CONVERT DATA FOR INTERPRETATION BY ON-BOARD TERMINAL DEVICE** (320) to the **DATA CENTER** (102). The **DATA CENTER** (102) sends **DISPLAY DATA** (321) to the **SHOP** (101). The **SHOP** (101) then sends **MAKE SETTLEMENT UNDER RECEPTION AGREEMENT (TO BE COMPLETED IN ADVANCE)** (322) to the **DATA CENTER** (102).

101 SHOP

102 DATA CENTER

103 DATA DISTRIBUTION INFRASTRUCTURE

104 PUBLIC TRANSPORTATION

301 CREATE ADVERTISING CONTENTS TO BE DISTRIBUTED

302 TRANSMIT ADVERTISING CONTENTS TO BE DISTRIBUTED

303 SETTLE ADVERTISING FEE

304 TRANSMIT ADVERTISING FEE SETTLEMENT NOTICE

305 RECEIVE ADVERTISING CONTENTS TO BE DISTRIBUTED

306 CONVERT DATA FORMAT

307 TRANSFER DATA TO DISTRIBUTION INFRASTRUCTURE AT DESIGNATED TIME

308 INVOICE ADVERTISING FEE

309 RECEIVE ADVERTISING FEE SETTLEMENT NOTICE

310 SETTLE COMMISSION CHARGE

311 TRANSMIT COMMISSION CHARGE SETTLEMENT NOTICE

312 REQUEST COMMISSION CHARGE SETTLEMENT

313 RECEIVE DATA

314 TRANSMIT DATA TRANSFER NOTICE

315 CONVERT DATA FORMAT FOR DISTRIBUTION INFRASTRUCTURE

316 DISTRIBUTE DATA TO PUBLIC TRANSPORTATION AT DESIGNATED TIME

317 RECEIVE COMMISSION CHARGE SETTLEMENT

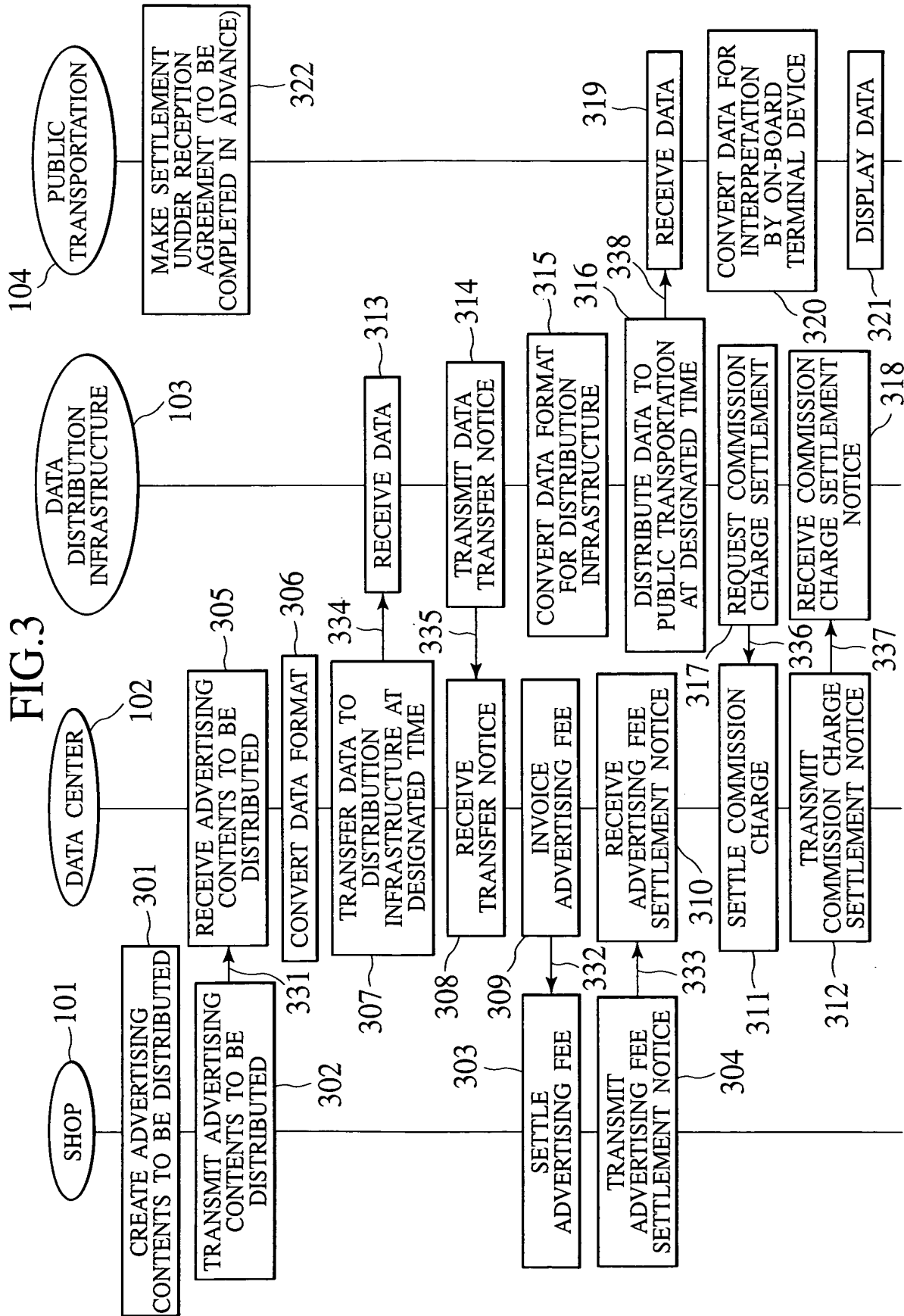
318 RECEIVE COMMISSION CHARGE SETTLEMENT NOTICE

319 RECEIVE DATA

320 CONVERT DATA FOR INTERPRETATION BY ON-BOARD TERMINAL DEVICE

321 DISPLAY DATA

322 MAKE SETTLEMENT UNDER RECEPTION AGREEMENT (TO BE COMPLETED IN ADVANCE)



## FIG.4

WE WOULD LIKE THE FOLLOWING ADVERTISING:

SHOP NAME : CONFECTIONERY "〇〇-DO"

SHOP No. : 0001

PLEASE DISTRIBUTE THE ATTACHED VIDEO IMAGE DATA "ad.mpg".

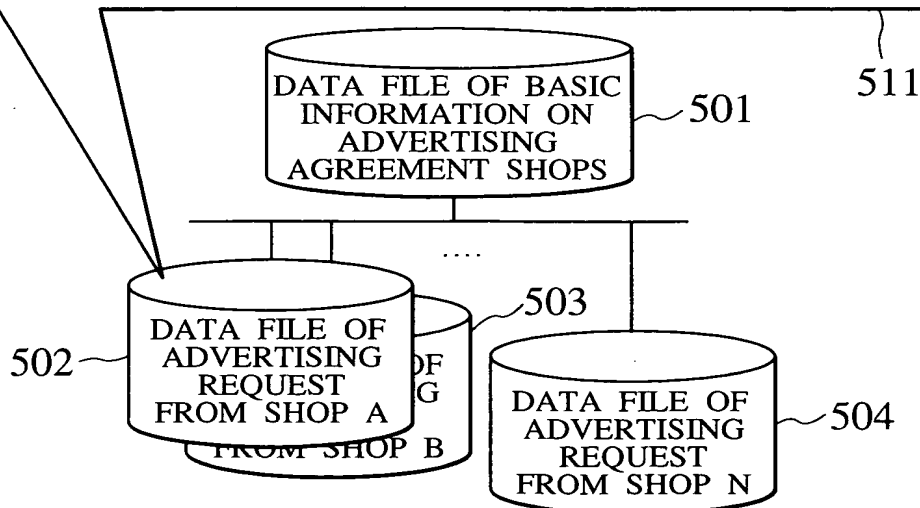
TIME TO INITIATE DISTRIBUTION : 12:00 TO 14:00

CLIPPING DATA : NOW OFFERING TIME-LIMITED SERVICES. ALL  
ITEMS 20% OFF.

THANK YOU.

## FIG.5

```
<Advertising>
<Shop Name> Confectionery "〇〇-DO" </shop name>
<Shop No.> 0001 </shop no.>
<Route ID> 001 </route ID>
<Stop ID.> 001 </stop ID.>
<Video Image yes/no> yes </video image yes/no>
<Video Image File Name> ad. mpg </Video Image File Name>
<Distribution Start Date> 2000.1.1 </distribution start date>
<Distribution End Date> 2001.2.1 </distribution end date>
<Distribution Start Time> 12:00 </distribution start time>
<Distribution End Time> 14:00 </distribution end time>
<Latitude> N38°25' 25" </latitude>
<Longitude> E140°25' 25" </longitude>
<Phone No.> 0120-00-0000 </phone no.>
<Clipping Data> Enjoy our delicious sweets </clipping data>
<Open or Closed> Open </open or closed>
<Occupancy> NULL </occupancy>
</Advertising>
```



## FIG.6

ROUTE ID : 001

STOP ID	NAME OF STOPS
0	SUBWAY STATION A
1	N-TOWN STATION STREET
2	N-TOWN 8-JO, 3-CHOME
3	N-TOWN 8-JO, 6-CHOME
4	N-TOWN 8-JO, 9-CHOME
5	N-TOWN 8-JO, 11-CHOME
6	N-TOWN 8-JO, 13-CHOME
7	N-TOWN 8-JO, 15-CHOME
8	C-BUS DRIVING SCHOOL
9	H-TOWN NORTH 3-JO, 5-CHOME
10	H-TOWN NORTH 5-JO, 5-CHOME
11	H-TOWN NORTH 7-JO, 5-CHOME
12	H-TOWN NORTH 9-JO, 5-CHOME
13	H-TOWN SOUTH APARTMENT BLOCK

FIG. 7

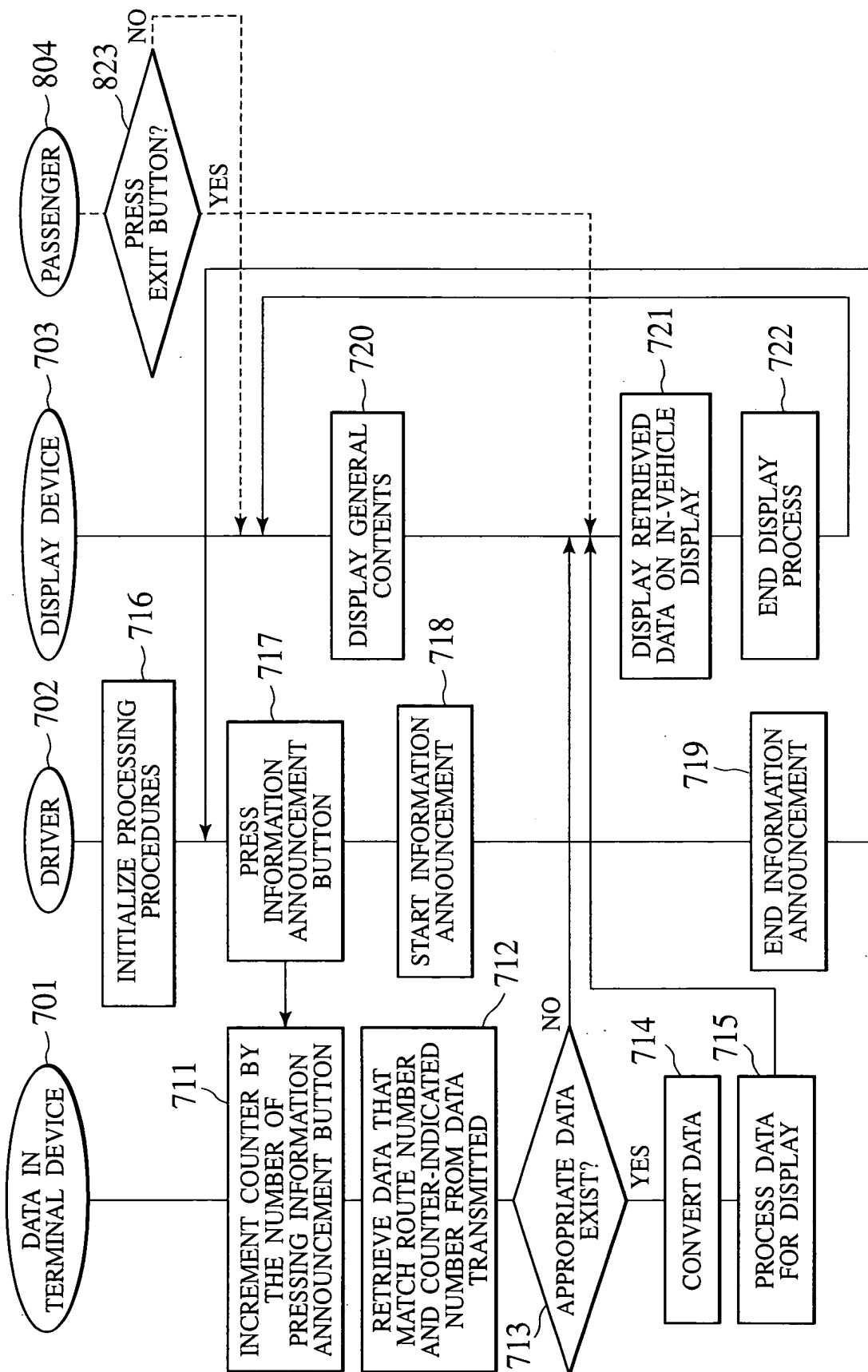


FIG.8

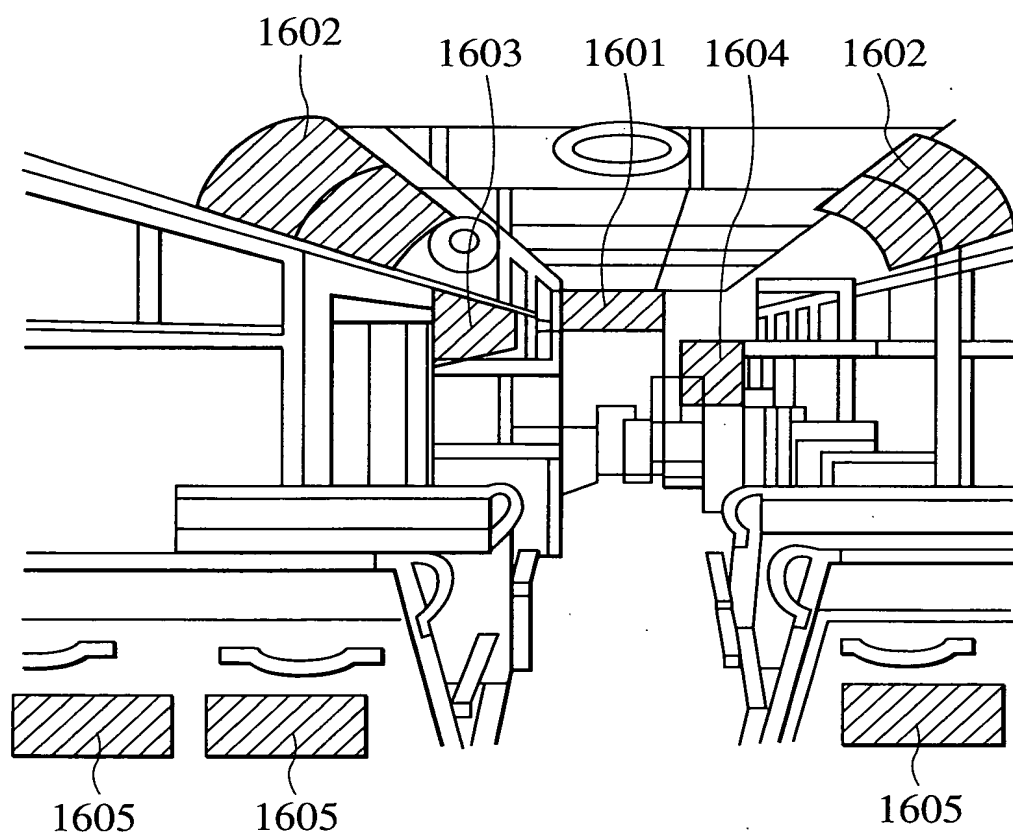


FIG.9

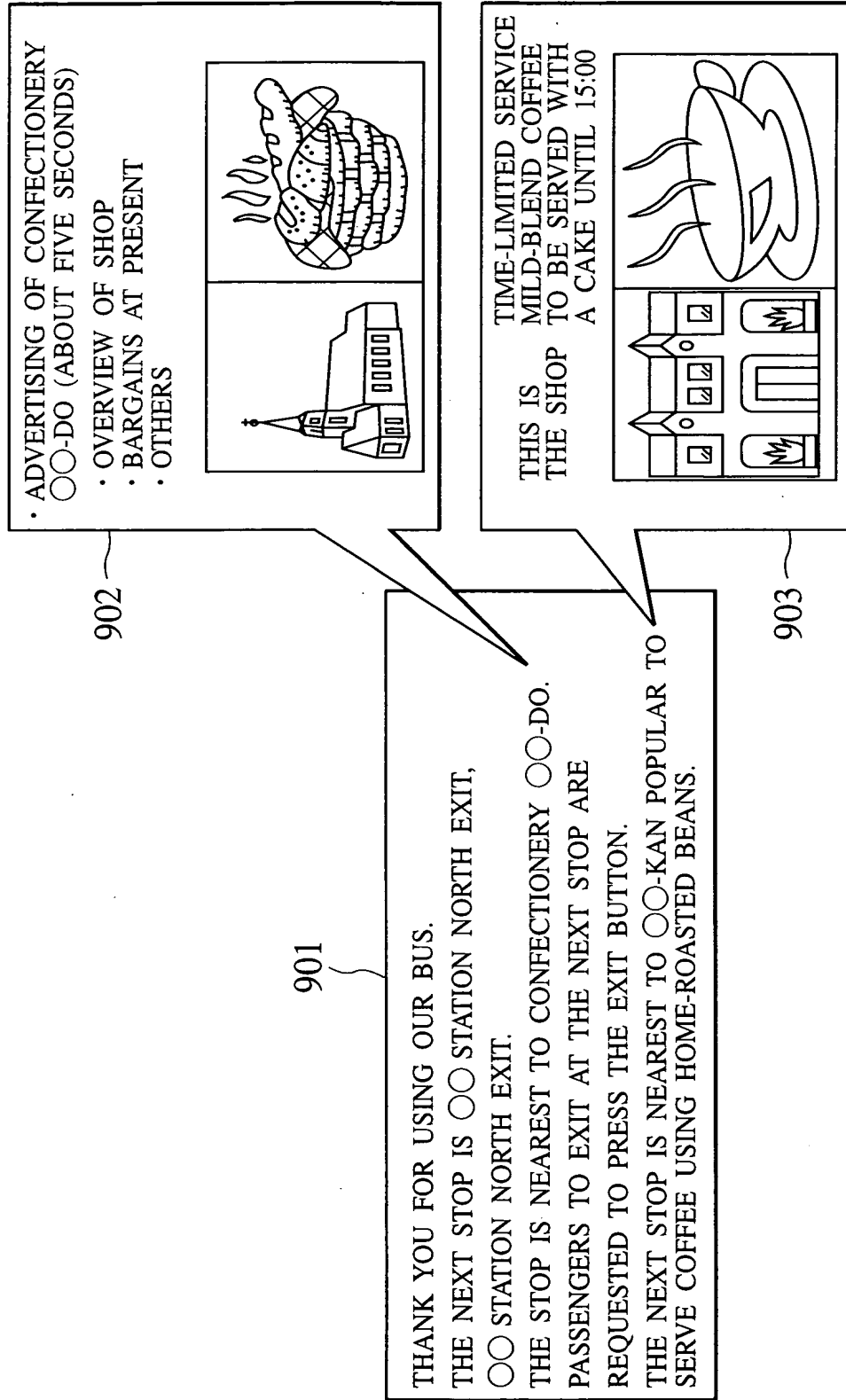




FIG.10

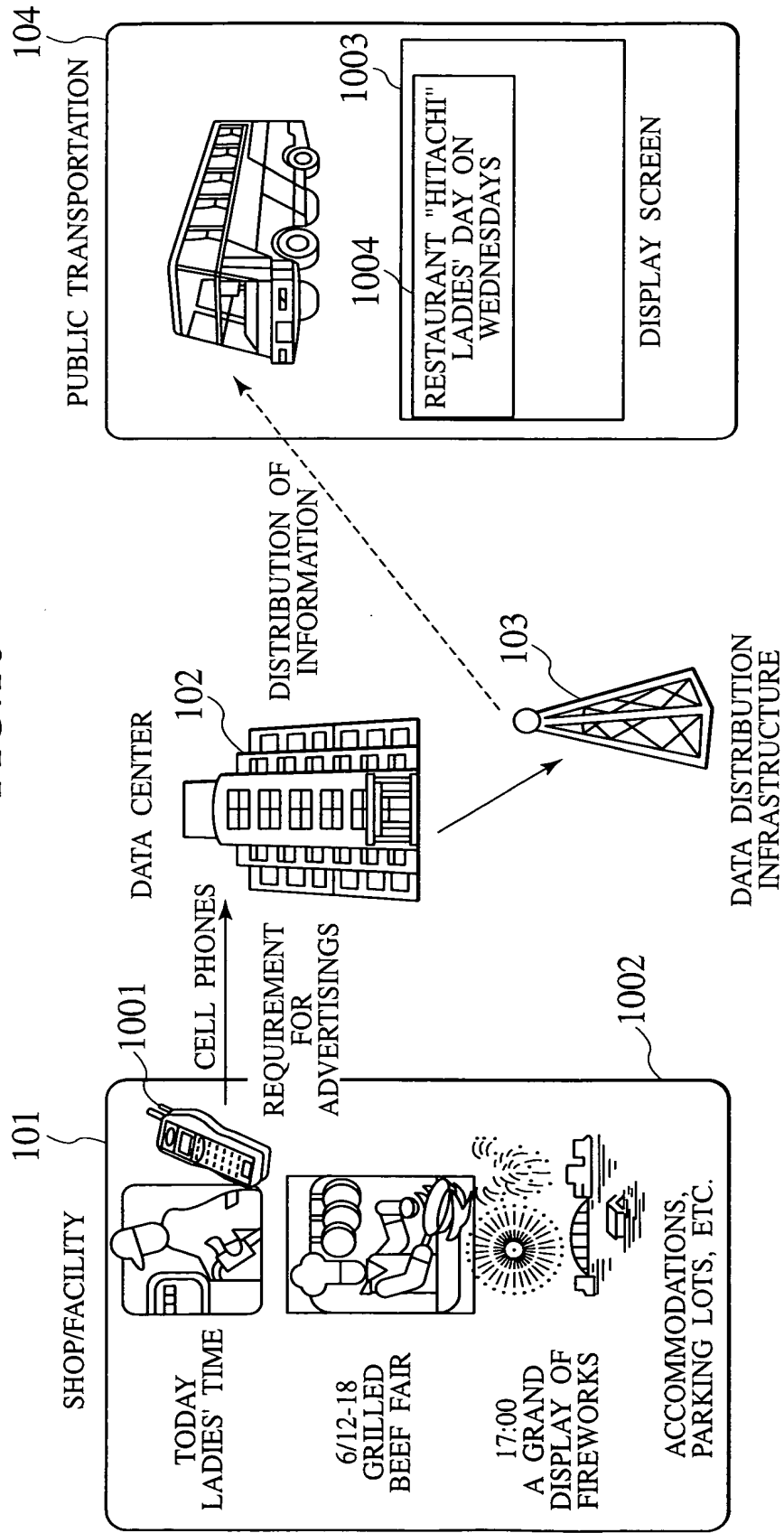


FIG.11

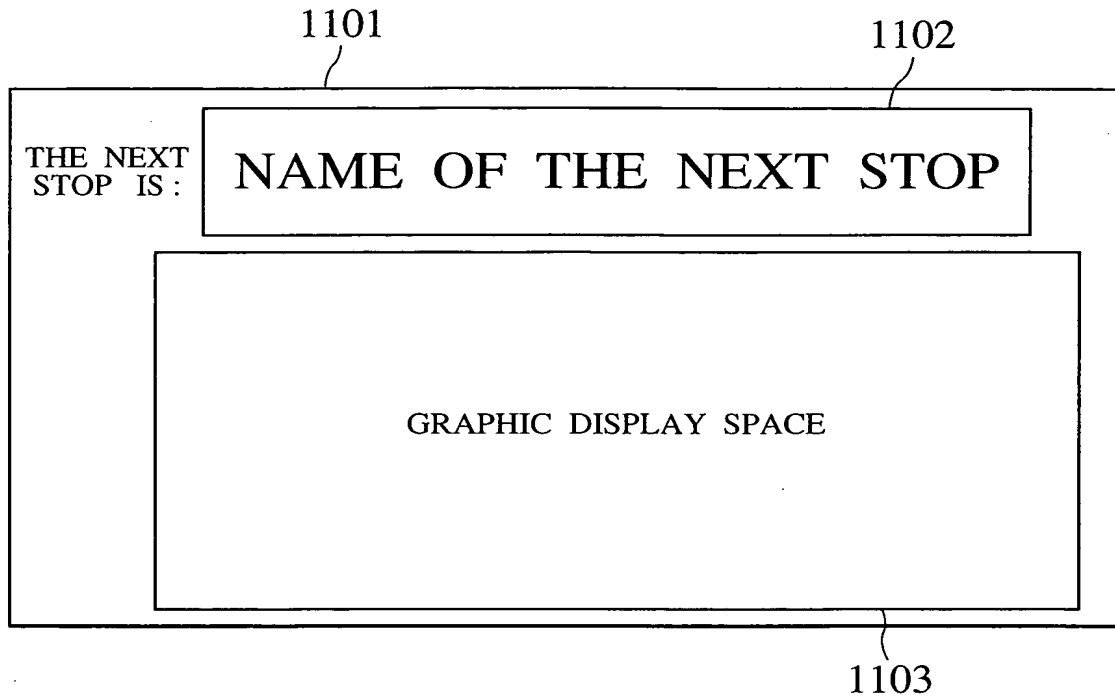


FIG.12

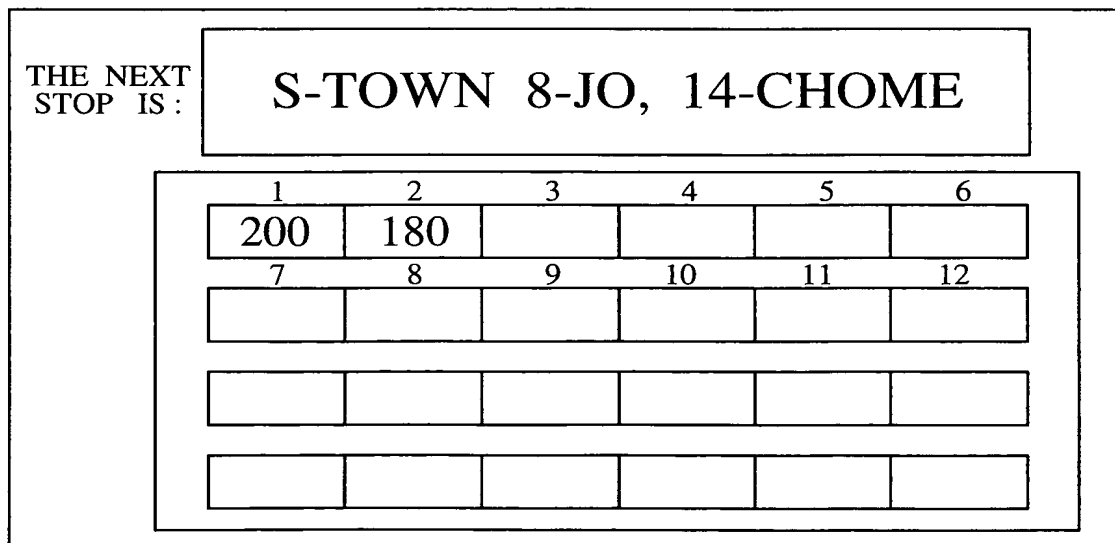


FIG.13

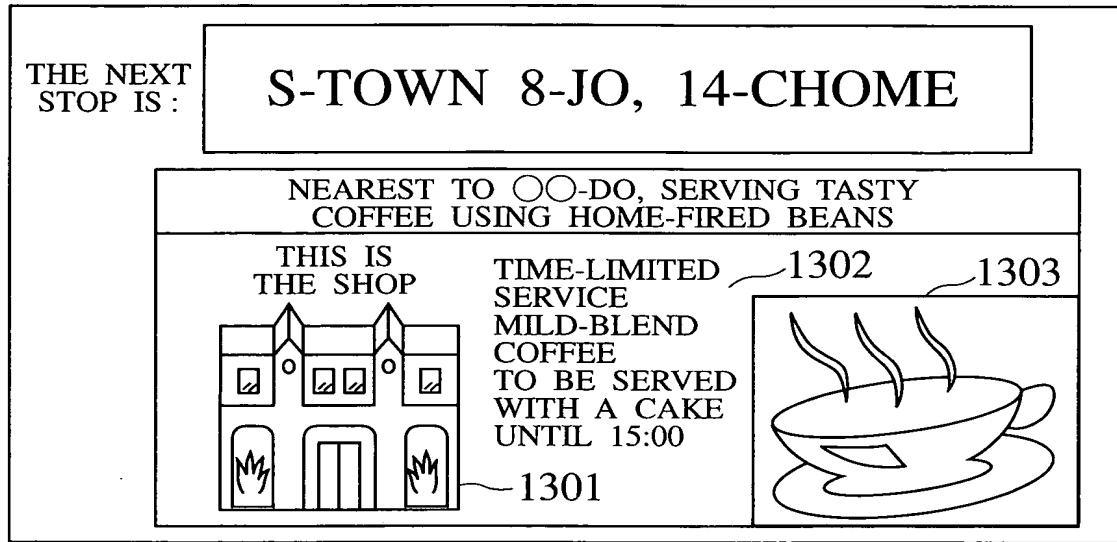


FIG.14

THE NEXT STOP IS :

**S-TOWN 8-JO, 14-CHOME**

ANTICIPATED ARRIVAL TIME AT MAJOR STOPS :

(LAST STOP) S-TOWN SOUTH APARTMENT BLOCK	15:00
S-TOWN SOUTH 3-CHOME	14:35
I-TOWN YOKO-SEN NO.8	14:35
S-TOWN 8-JO, 16-CHOME	14:30

FIG.15

THE NEXT  
STOP IS :

(LAST STOP) H-TOWN  
SOUTH APARTMENT BLOCK

TRANSIT INFORMATION

FOR T-STATION NORTH EXIT	15:00(ON SCHEDULE)
FOR I-BAY NEW PORT	15:15(ON SCHEDULE)
FOR G-TOWN HALL	15:30(DELAY BY 5 MIN.)
FOR H-TOWN TERMINAL	15:55(DELAY BY 10 MIN.)